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OIPe

## RAW SEQUENCE LISTING

DATE: 12/19/2001

PATENT APPLICATION: US/09/876,143

TIME: 16:16:40

Input Set : D:\028040-0202.ST25.txt

Output Set: N:\CRF3\12192001\I876143.raw

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3 <110> APPLICANT: Infigen Inc.
4     EILERTSEN, KENNETH J.
5     PFISTER-GENSKOW, MARTHA
6     CHILDS, LYNETTE
7     FORSYTHE, TODD
8     BISHOP, MICHAEL D.
10 <120> TITLE OF INVENTION: IDENTIFICATION AND USE OF MOLECULAR MARKERS INDICATING
11     CELLULAR REPROGRAMMING
13 <130> FILE REFERENCE: 028040-0202
15 <140> CURRENT APPLICATION NUMBER: 09/876,143
16 <141> CURRENT FILING DATE: 2001-06-06
18 <150> PRIOR APPLICATION NUMBER: 60/209,874
19 <151> PRIOR FILING DATE: 2000-06-07
21 <160> NUMBER OF SEQ ID NOS: 1744
23 <170> SOFTWARE: PatentIn version 3.0
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28 <213> ORGANISM: Bovine
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71 gatgggggtct tttgtctcat ttttgaaacc tcggaaaact gtcaccatgc cccactccta    180

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75 gccaaagcaaa agcattctgg ccgcaatgaa aa                                  272
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84 <221> NAME/KEY: misc_feature
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93 tggaagagcg gagaatactg gattgacccc aaccaaggct gcaacctgga tgccattaag      180
95 gtcttctgca acatggaac cggtgagacc tgtgtatacc ccactcagcc cagcgtggcc      240
97 caaaagaaac tgtatatcaa caagaacccc aaggaaaaga gcacgtctgg gacggcgaga      300
99 gcatgaccgg cggattocaa gtcgagtatt gcggcagagg tccgatactg ccgatgtggc      360
101 catccagctg acttttctgc gcctgatgtg caccgaggcc tctcaaatca tcacttacac      420
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123 atcgttctgc tgaaggacca gaggaagtgc ttcagcatcg acaaccccgg ctatgagccc      180
125 gaagtagtgg ccgtgcaccc gggtggtgag acagtggcgg tcggggcgcg gatggaacgt      240
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129 ggccgactgg cgtttccac gacgcgcctt ctgctggtgc gaccacaag tgtcagctct      360
131 cagcttgcca cgtatcgag acacgtttta tgacacacaa gatgttgctg ccgtctcgac      420
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135 ccatgacatg ctgtgaaac                                  499
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153 cagcaccagt ggttcaccca ccagcatctg ggggtccacc ccagctcca ggggtccacc 180
155 ctccagcccc aggagtccac cctcctgctc cgggagtcca cctccagcc ccagggtcc 240
157 atcctcccc atctgctggc gttcaccccc agacaccagt ggtgcaccca ccagctcctg 300
W--> 159 cagttcaccc ccnagctcgg ggggtgcacc aactcctgca gttcaccccc angctccagg 360
W--> 161 gntccaccca ccagctccgg ngtcaccca ccagccctg gnacccacc cagcctctgg 420
W--> 163 ngtcaccenn ctctctgnng tcctctccgc tctgggtcca tccagcactg ngtcaccct 480
165 caatctggtg cattcccaca cctgcccggt ctgagcccca tacctogagc ctggacttct 540
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179 <222> LOCATION: (1)..(491)
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185 tggacctacg ggccccctgg caaggacgga gcaagtggac accctgggtcc cattggacca 120
187 ccggggcccc gaggtaacag aggtgaaaga ggatctgagg gctccccagg ccaccaggga 180
W--> 189 caaccaggcc ctcttgacc tcctgggtgcc cctgggtccat gttgtggtgc tggcgnggtt 240
191 gctgccattg ctgggtgttg agccgaaaaa gctgggtggg ttgcccata ttatggagat 300
W--> 193 gaaccgatag atttcaaate acaccgatga gatatgacct cactcaatca ngtcattggac 360
W--> 195 aaatagaagt ctcatagtc tgatgggttc cgtataaccn tgcacggact gcaggnacct 420
W--> 197 gaatctgcca tctgactcag atggagatat gngtgtatc taccaagntg caaatgatgc 480
199 ttttagtcta t 491
202 <210> SEQ ID NO: 10
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215 taaccatgtg atttcaattt aactcaatga ccctgctaata aattggccta acaacaaata 120
217 tactaacaat ataccaatga tgacgagatg ttatccgaga aagcaccttc caagggcacc 180
219 ataccccagc tgtccaaaaa ggcctccggt atggaataat tctttttatt atctccgaag 240
W--> 221 tactattctt tacngnattt tctgagcttt ctaccactca agcctcgccc ccaccctga 300
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225 tcacacctct gtcctatggc tttcggagtt ctatttactg agccatcata tttatagaag 420
W--> 227 ggacgaagct atatacagcc ttttttcaca tacatagatc tatcacacta tcanctcaat 480
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232 <210> SEQ ID NO: 11
233 <211> LENGTH: 346
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242 gagatgaagc cctacacagg caccgagacc tttactatgc cctatgattt cgcgatcatt      180
244 accaccgacc tattaccgac cacctatggg gaccatcatg gcgttacgcg gagatagccg      240
246 acccatggag ggaagaattg tgtgagtatt aatcacaatg ataacttggg atgactgtct      300
248 atattttaag gtagttgttt ttggtttagt cctatctgga gagtga                      346
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258 <222> LOCATION: (1)..(617)
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264 cgtaactga tgttatggtt taagtagtgc tgaaattttg gtggctaata tgccctccacc      120
266 cctagccaca gagatccctt ttttgagga atgactcgcg atgaagacga agatgatgag      180
268 gaagaggaag aagaaggagt cacgtggggc cgtgggaact cgagggttga ggggtcccgag      240
270 tcccccgagg aatttagctt tggcttcagc ttcagcccaa gaggaggaat gcgtttccac      300
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274 gcctggacct tgccttcccg cccctctgta cttccaggtc ctgagtcaga gacacctggt      420
W--> 276 gagagacggc agtaggacag acgcttcgga ctcatgcttt attatncana tatcacagcc      480
W--> 278 cagacttngt ggggctggna aggagcanga ctgtatctcc aacacaccga cgtgccncca      540
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282 gagtttgcca ttggggcc                      617
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292 <222> LOCATION: (1)..(547)
293 <223> OTHER INFORMATION: n is a, c, g, or t
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300 aacgtgcagg gaacatcgct gctctggttg actgacaggc tgggctgcag agcggctcct      180
302 ggagcagctc aaggcctgcg agctgcagga tgaggctgac atgcagcggg agttcccgca      240
W--> 304 tggcccaggc cctgggctgt gcaggggact cngatgagga gttcaccagc tgctaccag      300
W--> 306 accaccccga gacctgcac ttngcaccat gacgatatca caggacaagg ctgtcttcat      360
W--> 308 ggagggccat gttcttgtgt ccacagtgc ctgagtcact gaggtttatg cacagactng      420
W--> 310 tggtaataaa cggntgtgta gccagtcact ggtgagtanc caacacgtgg tttttcgaac      480
312 aggcagcgtc aggtgaagt ggaagaatca gatgttacag aacgatcacc caactcacgt      540
314 gttgtct                      547
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332 tttgaggagc atggttttag gccaaccaca cggccacccc cgtaaggcat      180
W--> 334 aggccaagac cgtatccgcc gaattgaaat gaggagatcc aaattgggtca tgtccccang      240
W--> 336 ggagacgtag accatcatct ctaccctcac gttgtgggac tcaantccaa tgcttctacn      300
W--> 338 agccaagaag ctctctctca nacaaccatc tcatggaccc cattnccaga aagctctgag      360
340 tatatcattt catgtcattc agttggcatt gatgagaacc ttacagtctg agttctggat      420
W--> 342 cttgctaggc cacctgacgg cctcacagag gnccactaca catatatgag gaggtaaagac      480
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364 cacagaccat tctcgttccc cagctagaaa gcaatagggt aaattctaaa agctgtttgc      180
366 tttttcgtct tcgcctttta atccttggaa gttatctctt cctgtctccc tacagtatat      240
W--> 368 atggttggga aactgtgaaa ggaagaagg gttgtctgtn aggggaactcc atccatgggg      300
W--> 370 cctnctagag cgggtgtngt gttcctacac cactccctcc tcagcagaag ggctgcacac      360
W--> 372 acatacaca gagaacttcg ccttcccttt tcacttncac ctccccacca tgcttcgttt      420
W--> 374 actactagat gagagttatg accacagctc tanacgttac gctttgtatt attaatcca      480
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388 <222> LOCATION: (1)..(534)
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396 aaaacaaaac accccttgag aaacaaaatg aacgaaaatt tatttacctc ttttattacc      180
398 cctgttattt taggtctccc tcttcgtacc cttatcgtac tattcccaag cctactattc      240
W--> 400 ccaacatcaa accgactagt aagcaatcgc tttgntaccc tccacaatga atacttcaac      300

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Input Set : D:\028040-0202.ST25.txt

Output Set: N:\CRF3\12192001\I876143.raw

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